ABSTRACT

Continuously variable transmission (1) for motor vehicles, provided with a primary pulley (2) and a secondary pulley (3), around which a drive belt (10) is arranged, clamped between two conical pulley discs (21, 22; 31, 32) of the respective pulley (2; 3), a running surface of at least one pulley disc (21; 22, 31; 32) of the primary pulley (2) and the secondary pulley (3), by means of which running surface this pulley disc is in contact with the drive belt (10), being provided, as seen in a cross section oriented perpendicular to a tangential direction, with a curvature, so that a pulley angle between a tangent on the running surface and a radial direction varies between a lowest value at the location of a radially innermost position on the running surface and a highest value at the location of a radially outermost position on the running surface, in which transmission the curvature of the running surface of the primary pulley (2) and the curvature of the running surface of the secondary pulley (3) differ from one another.